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इस भाग में मिन्न पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 4 (PART III—SECTION 4)

विधिक निकायों द्वारा जारी की गई विविध अधिसूचनाएं, जिसमें अधिसूचनाएं, आवेदन, विज्ञापन और सूचनाएं सम्मिलित हैं।

Miscellaneous Notifications including Notifications, Orders, Advertisements and Notices issued by Statutory Bodies

स्टेट बैंक आफ इंडिया, केन्द्रीय कार्यालय

बम्बई, दिनांक 23 जुलाई 1973

इसके द्वारा बैंक के स्टाफ में दी गई निम्नलिखित नियुक्ति की अधिसूचना दी जाती है :—

श्री एन० एन० श्रीवास्तव को दिनांक 23 जुलाई, 1973 ने केन्द्रीय कार्यालय के स्टाफ में उप-शास्त्रा निरीक्षक के पद पर नियुक्त किया गया है।

सूचना

दिनांक 31 जुलाई 1973

स्टेट बैंक आफ इंडिया, (सहायक बैंकस) एकट, 1959 की धारा 29(1) के अनुसार, स्टेट बैंक आफ इंडिया ने स्टेट बैंक आफ मैसूर के निदेशक बोर्ड से चिचार विमर्श करके तथा रिजर्व बैंक आफ इंडिया की स्थीकृति लेकर श्री सी० वीरगांधन को स्टेट बैंक आफ मैसूर के जनरल मैनेजर के पद पर दिनांक 6 जून, 1973 से 5 जून, 1975 (दोनों दिन सम्मिलित) तक पुनर्नियुक्त किया है।

टी० आर० वरदाशारी,

प्रबन्ध निवेशक

केन्द्रीय उत्पाद शुल्क

बैंगलूर, दिनांक 8 जून 1973

सी० सं० 11/10-ए०/3/73-ए०-3—जब कि श्री सेटि सिद्धापुर, अवर श्रेणी लिपिक ने मैसूर उत्पाद शुल्क की कलेक्टरी के श्रधीन 209GI/73

ममेकित मंडल कार्यालय, बल्सगिरी में दिनांक 20-12-1971 से दिनांक 21-3-1972 तक की अवधि में रोकड़ लिपिक के रूप में काम करते हुए दिनांक 22-3-1972 से जान-बुझकर अपने कार्यभार से अनुपस्थित रहकर सभग्र दुराचार तथा कर्तव्य-बोध का अभाव दिखाया और श्रव तक पुनः कार्यभार नहीं संभाला। इस प्रकार वे अपनी कर्तव्य-निष्ठा में असफल रहे और केन्द्रीय सिविल सेवा (आचरण) नियमावली, 1964 के नियम 3(1) (i) (ii) तथा (iii) का उल्लंघन करके ऐसा आचरण प्रदर्शित किया जो एक सरकारी कर्मचारी के लिए प्रत्युक्त था।

जबकि नियम 14 के अन्तर्गत, श्री सेटि सिद्धापुर के नाम जारी किया गया आरोप-ज्ञापन सी० नं० 11/10-ए०/3/73-ए०-3 दिनांक 26-3-1973 उन पर जारी होने से मिलंबित रहा है, अब उक्त श्री सेटि सिद्धापुर को एतद्वारा सूचना दी जाती है कि इस सूचना के प्रकाशन की तिथि से बस दिन के अन्दर उन्हें प्रद्यो-हस्ताक्षरी के सम्मुख उपस्थित होकर उक्त आरोप ज्ञापन ले लेना चाहिए और तत्पश्चात् उस पर समुचित कर्तव्याद करनी चाहिए।

यदि वे उक्त ज्ञापन प्राप्त न कर पायेगे या निर्दिष्ट अवधि के अन्दर उनकी और मेरों उत्तर प्राप्त नहीं हुआ तो मामले के गुण दोष के आधार पर एकपक्षीय निर्णय कर दिया जाएगा।

वे० जी० राममूर्ति,
मुख्यालय सहायक समाहता

कृषि पुनर्वित्त निगम

बम्बई 400018, दिनांक 14 अगस्त 1973

नोटिस

इसके जरिए यह सूचना दी जाती है कि कृषि पुनर्वित्त निगम की दसवीं वार्षिक साधारण बैठक मंगलवार 25 सितम्बर, 1973 को दोपहर 3 बजे कृषि पुनर्वित्त निगम, दूसरी भौंगिल, श्रीनिवासन, एफ० ब्लाक, शिव सागर इस्टेट, डा० एनी वेसेंट रोड, बर्ली बम्बई 400018 में होगी। उसमें निम्नलिखित कार्रवाई की जायेगी :—

(क) 30 जून, 1973 को समाप्त हुए वर्ष के वार्षिक लेखों के संबंध में विचार विमर्श।

(ख) वार्षिक तुलनपत्र और लेखों पर लेखा परीक्षक का रिपोर्ट के संबंध में विचार विमर्श।

(ग) 30 जून, 1973 को समाप्त हुए वर्ष में निगम के काम-काज में संबंधित बोर्ड को रिपोर्ट पर विचार विमर्श।

निगम का शेवर रजिस्टर सोमवार 10 सितम्बर, 1973 गे सोमवार 24 सितम्बर, 1973 तक, दोनों दिन मिलाकर बन्ध रहेगा।

बोर्ड के आदेशानुसार एग० ए० निदम्बरम, प्रबंध निदेंग।

STATE BANK OF INDIA

Central Office

Bombay, the 23rd July 1973

The following appointment on the Bank's staff is hereby notified :—

Shri N. N. Srivastava has been appointed as Deputy Branch Inspector on the Central Office staff as from 23rd July 1973.

The 31st July 1973

NOTICE

In terms of Section 29(1) of the State Bank of India (Subsidiary Banks) Act 1959, the State Bank of India, after consulting the Board of Directors of the State Bank of Mysore and with the approval of the Reserve Bank of India have re-appointed Shri C. Veeraraghavan as the General Manager of the State Bank of Mysore with effect from the 6th June 1973 to the 5th June 1975 (both days inclusive).

T. R. VARADACHARY,
Managing Director.

If he fails to take delivery of the said memorandum or if nothing is heard from him within the time specified above, the case will be decided ex parte on its merits.

Y. G. RAMAMURTY,
Headquarters Assistant Collector
Central Excise, Bangalore.

EMPLOYEES' STATE INSURANCE CORPORATION

New Delhi, the 3rd August 1973

No. 6(16)/71.Estt.III.—Whereas in pursuance of the Department of Labour & Employment, Government of India, New Delhi Notification No. U.16012/4/73-HI dated 8-6-1973 Shri V. K. Chanana is no longer member of the Employees' State Insurance Corporation.

Now, therefore, in pursuance of Section 25 of the Employees' State Insurance Act, 1948 (34 of 1948) read with Regulation 10 of the Employees' State Insurance (General) Regulations, 1950, the following amendment is hereby made in the Employees' State Insurance Corporation Notification No. 6(11)/69.Estt.III, dated the 22nd June, 1970 pertaining to the constitution of Regional Board for Union Territory of Delhi, namely :—

In the said Notification entry No. 8 shall be deleted.

T. N. LAKSHMINARAYANAN
Director General

COLLECTORATE OF CUSTOMS AND CENTRAL EXCISE

Bangalore, the 8th June 1973

NOTICE

C. No. II/10-A/3/73.A3.—Whereas Shri Seti Siddapur, Lower Division Clerk of the Mysore Central Excise Collectorate while functioning as cash clerk at I.D.O. Bellary during the period from 20-12-71 to 21-3-72 had exhibited gross misconduct and lack of sense of duty inasmuch as he wilfully absented himself from duty from 22-3-1972 and thereafter did not return to duty till date. By this act he has failed to maintain devotion to duty and has acted in a manner unbecoming of a Government servant thereby contravening Rule 31(i)(ii) and (iii) of C.C.S.(C) Rules, 1964.

Whereas a charge memorandum C. No. II/10-A/3/73.A3., dated 26-3-73 issued to Shri Seti Siddapur, under Rule 14 is pending service on him. Now therefore, notice is hereby given to the said Shri Seti Siddapur that he should appear before the undersigned and take delivery of the said charge memorandum within 10 days of the date of publication of this notice and take suitable action thereupon.

NOTICE

Regional Office (Kerala)
Trichur-1, the 1st August 1973

No. KL/INS/CBS-7(1).—(1) In exercise of the powers conferred under Regulation 10-A of the E.S.I. (General) Regulation, 1950, the following amendment is hereby effected to the Employees' State Insurance Corporation Notification No. KL/INS/CBS-7(1)/4 dated 1-2-73, published at page No. 337 of the Gazette of India, Part III, Section 4 dated the 3rd February, 1973.

Towards the entry at serial number 6, the name may be substituted as Shri P. T. Thomas, Manager, Kerala Food Packers, Cochin-6 in the place of Shri K. Dharmaraj, Proprietor, Industrial Chemical Corporation, Cochin-6.

(2) In exercise of the powers conferred under Regulation 10-A of the E.S.I. (General) Regulation, 1950, the following amendment is hereby effected to the Em-

ployees' State Insurance Corporation Notification No. KL/INS/CBS-7(1)/8 dated 1-2-1973 published at page No. 338 of the Gazette of India Part—III, Section-4 dated the 3rd February, 1973.

Towards the entry at Sl. No. 7 the name may be substituted as Shri R. M. Ramaswamy, Assistant General Manager, Western India Cotton Limited, Pappinissery, Cannanore District in the place of Shri Franklin, Manager, Consolidated Coffee Limited, Tellicherry.

By order :

N. SUBRAMANIAN,
Dy. Regional Director
For Regional Director.

PUNJAB UNIVERSITY (CHANDIGARH)

Chandigarh, the 3rd August 1973

No. 25-73/O.S.D.—The Central Government (Ministry of Education and Social Welfare) have accorded approval vide their letter No. F. 3-35/73-U.1. dated 10-7-1973, to the following Regulations :—

Doctor of Medicine (M.D.)

1.1. The duration of the course of instruction for the degree of Doctor of Medicine (M.D.) shall be 24 months for clinical subjects and 36 months for basic subjects provided that this period may be reduced in accordance with the provisions contained in Regulation 3.1.

1.2. The examination shall consist of (i) a thesis, and (ii) four theory papers, oral, clinical and practicals and shall be held twice a year ordinarily in March and September on such dates as may be fixed by Syndicate. A candidate shall select one subject out of the list of Group A or B as given in Regulation 4.

1.3. The dates fixed for the examination and the last dates for receipt of admission form and fee as fixed by Syndicate shall be notified by the Registrar.

2. A person who fulfils the following requirements shall be eligible to join the course :—

(a) has passed at least three years previously the examination :—

(i) for the degree of Bachelor of Medicine and Bachelor of Surgery of the Panjab University;

or

(ii) for the degree of Bachelor of Medicine and Bachelor of Surgery of any other University recognised by the Medical Council of India and approved by the Syndicate of this University on the recommendation of the Faculty of Medical Sciences;

(b) has worked, subsequent to passing the M.B.B.S. examination :—

(i) in a house job (internship of rotating house job shall not be considered) in a recognised hospital for at least one year out of which at least six months shall be in the subject selected for the M.D. course;

or

(ii) in a hospital approved by the Medical Council of India for internship training for a period of three years;

or

(iii) in State Medical Services, Armed Forces Medical Services or other equivalent service, for a period of five years.

Provided that a year's whole-time extra work by the candidate in the department as a post-graduate student shall be counted as equivalent to housemanship.

3.1. A student who possesses the qualifications laid down in Regulation 2 and produces the following certificates signed by the Head of the Department concerned and countersigned by the Head of the College/Institution affiliated to the University for M.D. course where he received the training shall be eligible to appear in the examination :—

(i) of good character;

(ii) of having completed training for a period of not less than 24 months in the case of a clinical subject and for a period of 36 months in the case of a basic subject, in a College/Institute affiliated to this University for the Doctor of Medicine course.

Provided that—

(A) The period for which a candidate has worked as an Assistant Registrar, Registrar or Research Officer or Research Assistant in clinical subjects and Lecturer, Demonstrator or Assistant Demonstrator, in basic subjects, or in any equivalent job (approved by the Dean of Medical Faculty) in a Medical College/Institute affiliated to the University for the M.D. course, shall also count as a period of training required in (ii);

(B) The training for three years required in the case of a basic subject may be reduced to two years, if the candidate has done approved house job for one year or has spent one year as a Research Assistant in the same subject;

(C) A candidate offering a clinical subject of Group A who has obtained a Diploma in the subject concerned (one-year course) after having done the one-year house job in that subject shall undergo a further training in the subject offered for one year only.

(D) The Post-Graduate training for M.D. courses in the Medical Institutions affiliated to the Panjab University, Patiala, may be accepted for purposes of Regulation 3.1.

3.2. A person who has completed the training in an affiliated College/Institute as required in Regulation 3.1. and has failed in the examination may appear again in a subsequent examination without further training, and without submitting a new thesis.

4.1. The following shall be the various groups of subjects for the examination :—

Group A—(Clinical subjects)

1. Medicine.
2. Tuberculosis and Chest Diseases.
3. Midwifery and Gynaecology.
4. Radiotherapy.
5. Radiodiagnosis.
- 5A. Radiotherapy and Radiodiagnosis (Up to the year 1976).
6. Paediatrics.
7. Social and Preventive Medicine.
8. Psychiatry.
9. Dermatology, Venereology and Leprosy.

Group B—(Basic subjects)

1. Physiology.
2. Pharmacology.
3. Pathology.

4. Microbiology.
- 4-A. Pathology and Microbiology (Upto the year 1976).
5. Biochemistry.
6. Biophysics.

4.2. The following shall be the titles of the four papers in each subject :

Group A—(Clinical subjects)

Medicine

1st Paper—Basic Sciences as related to Medicine
 2nd Paper—Principles of Medicine.
 3rd Paper—Practice of Medicine.
 4th Paper—Applied Pathology and Microbiology.

Tuberculosis and Chest Diseases

1st Paper—
 2nd Paper—
 3rd Paper—
 4th Paper—
 } under consideration.

Midwifery and Gynaecology

1st Paper—Basic Sciences as related to midwifery and Gynaecology.
 2nd Paper—Midwifery including Diseases of neonates.
 3rd Paper—Obstetrical and Gynaecological Pathology.
 4th Paper—Gynaecology.

Radiotherapy

1st Paper—Basic Sciences and Physics as applied to Radiotherapy.
 2nd Paper—Principles of Radiotherapy.
 3rd Paper—Pathology as related to Radiotherapy.
 4th Paper—Practice of Radiotherapy.

Radiodiagnosis :

1st Paper—Basic Sciences and Physics as applied to Radiodiagnosis.
 2nd Paper—Principles of Radiodiagnosis.
 3rd Paper—Radiodiagnosis as related to Pathology.
 4th Paper—Practice of Radiodiagnosis.

Radiotherapy and Radiodiagnosis :

1st Paper—Basic Sciences including Physics as applied to Radiology.
 2nd Paper—Principles and Practice of Radiodiagnosis.
 3rd Paper—Pathology as related to Radiology.
 4th Paper—Principles and Practice of Radiotherapy.

Paediatrics :

1st Paper—Basic Sciences as related to Paediatrics.
 2nd Paper—Principles and Practice of Paediatrics.
 3rd Paper—Prevention and Social Aspects of Paediatrics and Diseases of Infants.
 4th Paper—General Medicine.

Social and Preventive Medicine :

1st Paper—Basic Sciences including Statistics.
 2nd Paper—Community Medicine including Sanitation.
 3rd Paper—Preventive Medicine and Microbiology.
 4th Paper—Preventive and Social Medicine as applied to Medicine and Surgery.

Psychiatry :

1st Paper—Basic Sciences related to Psychiatry.
 Part A : Geuro Anatomy, neurophysiology and Psychopharmacology.
 Part B : Clinical and Social Psychology.
 2nd Paper—Clinical Psychiatry.
 3rd Paper—Psychiatric Theory and Psychiatric Specialities.
 4th Paper—Neurology and General Medicine as related to Psychiatry.

Dermatology, Venereology and Leprosy :

1st Paper—Basic Sciences as related to Dermatology
 2nd Paper—Principles and practice of Dermatology, Venereology and Leprosy.
 3rd Paper—Pathology and Bacteriology in relation to Leprosy, Skin and Venereal disease.
 4th Paper—General Medicine.

Group B—(Basic subjects)

Physiology :

1st Paper—Clinical Sciences as related to Physiology.
 2nd Paper—General Physiology.
 3rd Paper—Biochemistry and Biophysics.
 4th Paper—Systemic Physiology including Histology.

Pharmacology :

1st Paper—Clinical Sciences as related to Pharmacology.
 2nd Paper—General Pharmacology and Bioassay.
 3rd Paper—Experimental Pharmacology.
 4th Paper—Applied Pharmacology and Toxicology.

Pathology :

1st Paper—Applied Pathology including Pathophysiology.
 2nd Paper—General principles of Pathology including Immunology.
 3rd Paper—Special Pathology including molecular Biology.
 4th Paper—Op one of the following subjects :
 (i) Haematology;
 (ii) Immunopathology;
 (iii) Cytology and Cytogenetics;
 (iv) Experimental Pathology including Cancer Research.

Microbiology :

1st Paper—Applied Microbiology.
 2nd Paper—General Principles of Microbiology including Tissue Reactions to Microbial Infections.

3rd Paper—Systematics Bacteriology, Mycology and Virology.

4th Paper—On one of the following subjects :

- (i) Bacteriology.
- (ii) Immunology.
- (iii) Virology.
- (iv) Mycology.
- (v) Parasitology.

Pathology and Microbiology :

1st Paper—Clinical Sciences as applied to Pathology and Microbiology.

2nd Paper—General and Special Pathology.

3rd Paper—Bacteriology, Virology and Parasitology

4th Paper—Clinical Pathology including Chemical Pathology.

Biochemistry :

1st Paper—Clinical Sciences as related to Biochemistry.

2nd Paper—Biochemistry of Metabolism.

3rd Paper—Biochemistry of Hormones Vitamins and Enzymes.

4th Paper—Clinical Biochemistry.

Biophysics :

1st Paper—Medical Biophysics.

2nd Paper—Elements of Biophysics.

3rd Paper—Principles of Biophysical Chemistry.

4th Paper—Cytophysics and Radiation Biophysics.

5. The examination fee to be paid by a candidate shall be—

- (i) For the examination in Theory Papers, Oral, Clinicals and Practicals.—Rs. 260.
- (ii) For the thesis.—Rs. 115.

6.1. At least six months before the date of examinations, every candidate shall apply to the Registrar of the University, for approval of the subject of his thesis. Such applications shall be considered by the Medical Faculty four times in a year as under :—

- (a) From January 1 to 15.
- (b) From April 1 to 15.
- (c) From July 1 to 15.
- (d) From October 1 to 15.

This application shall be duly certified by the Head of the College/Institute in which the candidate is studying before it is sent to the Registrar.

The Head of the Colleges/Institutes shall certify that all necessary facilities for proper investigations and supervision of the candidate's work will be provided. The thesis shall be on a subject connected with the Science and Practice of Medicine.

An application received after any of the above dates will be deemed to have been received on the following date fixed above. For example, if an application is received after the 1st of January, it will be deemed to have been received on the 1st of April for purposes of consideration by the Faculty of Medical Sciences.

6.2. In addition to the Colleges/Institutes affiliated for the M.D Course, the following Hospitals are recognised

for carrying on research and preparation of thesis (not for training) :—

- 1. I.N.H.S. Ashvani Hospital, Bombay.
- 2. Air Force Hospital, Secunderabad.
- 3. Military Hospital, Bangalore.
- 4. Military Hospital, Calcutta.
- 5. Military Hospital, Namkum (Ranchi).

6.3. The thesis shall conform to the requirements laid down in this Regulation and may be submitted at any time *within seven years* but not earlier than six months from the date on which application was entertained.

The thesis shall embody the result of the candidate's own research and/or experience and shall contain precise reference to the publications quoted, and must attain a good standard and shall be satisfactory in literary presentation and in other respects and should end with a summary embodying conclusions arrived at by the candidate. The thesis should be typewritten on one side of the paper (size 11" \times 8 $\frac{1}{2}$) with margins of 1 $\frac{1}{2}$ inch on each side, bound in cloth, indicating on the outside cover its title and the name of the candidate.

6.4. Every candidate shall submit—

- (a) 3 copies of his thesis,
- (b) 3 copies of the original plan already submitted by him at the time of registration, to the Registrar,

through the Head of his College/Institute, accompanied by—

- (i) A certificate from the supervisor testifying that the technique and statistics mentioned in the thesis were undertaken by the candidate himself.

- (ii) A fee of Rs. 115.

6.5. The thesis shall be examined separately by two examiners appointed by the Syndicate, on the recommendation of the Faculty. They shall report whether the thesis is accepted, or rejected or the candidate be allowed to re-submit the thesis after revision. If the examiners disagree, Syndicate shall appoint a 'third' examiner who shall be an expert in the same speciality as the examiner rejecting the thesis. The 'third' examiner shall be appointed on the recommendation of the Dean of the Faculty of Medical Sciences. If the thesis is accepted, it shall be classified as accepted; commended, or highly commended, and the result will be communicated to the candidate. Every approved thesis shall become the property of the Panjab University and may be placed in the Library of the College/Institute concerned. If the thesis is rejected the candidate may be required either to re-write the thesis or to take up another subject. The examiner rejecting the thesis shall point out in writing the defects and make suggestions for improvements and modifications, if a revision will render it acceptable. The revised thesis shall be submitted to the University not later than one year from the date of intimation of result accompanied by half the amount of the prescribed fee.

6.6. A candidate whose thesis has been accepted but who fails in the examination may be allowed to reappear at a subsequent examination, but his thesis shall not be evaluated again. He shall pay the admission fee as prescribed in Regulation 5.

7.1. The examination shall be conducted by a Board of four examiners appointed by the Syndicate on the recommendation of the Faculty of Medical Sciences.

The Board of examiners shall determine in consultation with one another, all details of the examination.

7.2. The Board of examiners shall report to the Registrar, for publication, the result of the examination classifying the successful candidates as under :

(a) pass	... Ordinary
(b) pass	... with distinction

7.3. On receipt of the result from the Board of Examiners, the Registrar shall publish it as soon as possible. A candidate shall be declared successful only when he has passed the examination and the thesis has been accepted.

7.4. Each successful candidate shall be granted a diploma.

MASTER OF SURGERY (M.S.)

1.1. The duration of the course of instruction for the degree of Master of Surgery (M.S.) shall be 24 months for clinical subjects and 36 months for basic subjects provided that this period may be reduced in accordance with the provisions contained in Regulation 3.1.

1.2. The examination shall consist of (i) a thesis, and (ii) four theory papers, oral, clinical and practicals and shall be held twice a year ordinarily in March and September on such dates as may be fixed by Syndicate. A candidate shall select one subject out of the list of Group A or B as given in Regulation 4.

1.3. The dates fixed for the examination and the last dates for receipt of admission form and fee as fixed by Syndicate shall be notified by the Registrar.

2. A person who fulfils the following requirements shall be eligible to join the course :—

(a) has passed at least three years previously the examination—

- (i) for the degree of Bachelor of Medicine and Bachelor of Surgery of the Panjab University;
- or
- (ii) for the degree of Bachelor of Medicine and Bachelor of Surgery of any other University recognised by the Medical Council of India and approved by the Syndicate of this University on the recommendation of the Faculty of Medical Sciences;

(b) has worked, subsequent to passing the M.B.B.S. examination—

- (i) in a house job (internship or rotating house job shall not be considered) in a recognised hospital for at least one year out of which at least six months shall be in the subject selected for the M.S. course,
- or
- (ii) in a hospital approved by the Medical Council of India for internship training for a period of three years;
- or
- (iii) in State Medical Services, Armed Forces Medical Services or other equivalent service, for a period of five years.

Provided that a year's whole-time extra work by the candidate in the department as a post-graduate student shall be counted as equivalent to housemanship.

3.1. A student who possesses the qualifications laid down in Regulation 2 and produces the following certificates signed by the Head of the Department concerned and countersigned by the Head of the College/Institution affiliated to the University for M.S. course where he received the training shall be eligible to appear in the examination :—

- (i) of good character;
- (ii) of having completed training for a period of not less than 24 months in the case of a clinical subject and for a period of 36 months in case of a basic subject, in a College/Institute affiliated to this University for the Master of Surgery course.

Provided that :—

- (A) The period for which a candidate has worked as an Assistant Registrar, Registrar or Research Officer or Research Assistant in clinical subjects and Lecturer, Demonstrator or Assistant Demonstrator, in basic subjects, or in any equivalent job (approved by the Dean of Medical Faculty) in a Medical College/Institute affiliated to the University for the M.S. course, shall also count as a period of training required in (ii);
- (B) The training for three years required in the case of a basic subject may be reduced to two years, if the candidate has done approved house job for one year or has spent one year as a Research Assistant in the same subject;
- (C) A candidate offering a clinical subject of Group A who has obtained a Diploma in the subject concerned (one-year course) after having done the one-year house job in that subject shall undergo a further training in the subject offered for one year only.
- (D) The Post-Graduate training for M.S. courses in the Medical Institutions affiliated to the Panjab University, Patiala, may be accepted for purposes of Regulation 3.1.

3.2. A person who has completed the training in an affiliated College/Institute as required in Regulation 3.1. and has failed in the examination may appear again in a subsequent examination without further training, and without submitting a new thesis.

4.1. The following shall be the various groups of subjects for the examination :—

Group A (Clinical subjects)

1. Surgery.
2. Ophthalmology (Eye).
3. Ear, Nose and Throat.
4. Orthopaedics.
5. Anaesthesiology.

Group B (Non-Clinical subject)

Anatomy.

The examination shall consist of :

a thesis, 4 theory papers and oral, clinical and practical examinations.

4.2. The following shall be the titles for the four papers in each subject :

Group A (Clinical subjects)

Surgery :

- 1st paper—Basic Sciences as applied to Surgery.
- 2nd paper—Principles and practice of Surgery.
- 3rd paper—Surgical Pathology.
- 4th paper—Operative Surgery.

Ophthalmology (Eye) :

- 1st paper—Anatomy and Physiology including optics of the eye.

2nd paper—General Ophthalmology including Surgery.

3rd paper—Pathology of the Eye.

4th paper—Ophthalmic Medicine.

Ear, Nose and Throat :

1st paper—Anatomy and Physiology of Ear, Nose and Throat.

2nd paper—Principles and practice of Ear, Nose and Throat.

3rd paper—Surgical Pathology and Operative Surgery, Ear, Nose and Throat.

4th paper—Principles of General Surgery.

Orthopaedics :

1st paper—Basic Sciences as related to Orthopaedics.

2nd paper—Principles and Practice of Orthopaedics.

3rd paper—Special Pathology and Operative Orthopaedics.

4th paper—Principles of General Surgery.

Anaesthesiology :

1st paper—Basic Sciences as applied to Anaesthesia.

2nd paper—Principles and Practice of Surgery including preoperative assessment, Post-operative care, resuscitation, and management of shock, etc.

3rd paper—Principles and Practice of Anaesthesia including recent advances in Anaesthesia.

4th paper—Clinical Sciences other than Surgery, as related to Anaesthesia.

GROUP B (Non-Clinical subjects)

Anatomy :

1st paper—Surgery as applied to Anatomy.

2nd paper—Gross Human Anatomy including Radiological and Forensic Anatomy.

3rd paper—Embryology and Microscopic Anatomy.

4th paper—Applied Anatomy.

5. The examination fee to be paid by a candidate shall be :—

(i) For the examination in Theory Papers, Oral, Clinicals and Practicals — Rs. 260.

(ii) For the thesis — Rs. 115.

6.1. At least six months before the date of examination, every candidate shall apply to the Registrar of the University, for approval of the subject of his thesis. Such applications shall be considered by the Medical Faculty four times in a year as under :—

(a) From January 1 to 15.

(b) From April 1 to 15.

(c) From July 1 to 15.

(d) From October 1 to 15.

This application shall be duly certified by the Head of the College/Institute in which the candidate is studying before it is sent to the Registrar.

The Head of the Colleges/Institutes shall certify that all necessary facilities for proper investigations and supervision of the candidate's work will be provided.

The thesis shall be on a subject connected with the Science and Practice of Medicine.

An application received after any of the above dates will be deemed to have been received on the following date fixed above. For example, if an application is received after the 1st of January, it will be deemed to have been received on the 1st of April for purposes of consideration by the Faculty of Medical Sciences.

6.2. In addition to the Colleges/Institutes affiliated for the M.S. Course, the following Hospitals are recognised for carrying on research and preparation of thesis (not for training) :—

1. I.N.H.S. Ashvani Hospital, Bombay.
2. Air Force Hospital, Secunderabad.
3. Military Hospital, Bangalore.
4. Military Hospital, Calcutta.
5. Military Hospital, Namkum (Ranchi).

6.3. The thesis shall conform to the requirements laid down in this Regulation and may be submitted at any time *within Seven years* but not earlier than six months from the date on which application was entertained.

The thesis shall embody the result of the candidate's own research and/or experience and shall contain precise reference to the publication quoted, and must attain a good standard and shall be satisfactory in literary presentation and in other respects and should end with a summary embodying conclusions arrived at by the candidate. The thesis should be typewritten on one side of the paper (size 11"×81") with margins of 1½" on each side, bound in cloth, indicating on the outside cover its title and the name of the candidate.

6.4. Every candidate shall submit :—

- (a) 3 copies of his thesis;
- (b) 3 copies of the original plan already submitted by him at the time of registration,

to the Registrar, through the Head of his College/Institute, accompanied by :

(i) A certificate from the Supervisor testifying that the technique and statistics mentioned in the thesis were undertaken by the candidate himself.

(ii) A fee of Rs. 115.

6.5. The thesis shall be examined separately by two examiners appointed by the Syndicate, on the recommendation of the Faculty. They shall report whether the thesis is accepted, or rejected or the candidate be allowed to re-submit the thesis after revision. If the examiners disagree, Syndicate shall appoint a third examiner who shall be an expert in the same speciality as the examiner rejecting the thesis. The 'third' examiner shall be appointed on the recommendation of the Dean of the Faculty of Medical Sciences. If the thesis is accepted, it shall be classified as accepted; commended, or highly commended, and the result will be communicated to the candidate. Every approved thesis shall become the property of the Panjab University and may be placed in the Library of the College/Institute concerned. If the thesis is rejected, the candidate may be required either to rewrite the thesis or to take up another subject. The examiner rejecting the thesis shall point out in writing the defects and make suggestions for improvements and modifications, if a revision will render it acceptable. The revised thesis shall be submitted to the University not later than one year from the date of intimation of result accompanied by half the amount of the prescribed fee.

6.6. A candidate whose thesis has been accepted but who fails in the examination may be allowed to reappear

at a subsequent examination, but his thesis shall not be evaluated again. He shall pay the admission fee as prescribed in Regulation 5.

7.1. The examination shall be conducted by a Board of four examiners appointed by the Syndicate on the recommendation of the Faculty of Medical Sciences.

The Board of examiners shall determine in consultation with one another, all details of the examination.

7.2. The Board of examiners shall report to the Registrar, for publication, the result of the examination classifying the successful candidates as under :

- (a) Pass . . . Ordinary.
- (b) Pass . . . with distinction.

7.3. On receipt of the result from the Board of examiners, the Registrar shall publish it as soon as possible. A candidate shall be declared successful only when he has passed the examination and the thesis has been accepted.

7.4. Each successful candidate shall be granted a Diploma.

BACHELOR OF DENTAL SURGERY (B.D.S.)

1.1. The duration of the course of instruction for the degree of Bachelor of Dental Surgery (B.D.S.) shall be four years.

1.2. There shall be four examinations, viz., First, Second, Third and Final. The First examination shall be held at the end of first year, the second examination at the end of second year, the Third examination at the end of third year and the Final examination at the end of fourth year.

1.3. These examinations shall be held twice a year on the following dates :—

- (a) Second Monday in April;
and
- (b) First Monday in September.

1.4. The dates for receipt of admission forms and fees, without and with late fee Rs. 5, as fixed by Syndicate, shall be notified by the Registrar.

2.1. A person who has attained the age of 16 years or more on March 31 of the year of admission and possesses the following qualifications shall be eligible to join the first year class of the course :—

- (1) Pre-Medical examination of the Panjab University with at least 48% marks in the aggregate of English, Physics, Chemistry and Biology;

or

- (2) B.Sc. Final examination of the Panjab University with at least 48 per cent marks in the aggregate of Physics, Chemistry, Botany and Zoology, provided he has qualified in English of the Pre-Medical standard. A candidate may have qualified in one of more of these subjects at an examination subsequent to his passing B.Sc. Final examination.

or

- (3) B.Sc. Final examination of the Panjab University in the First Division with any three subjects out of Physics, Chemistry, Botany, Microbiology, Biophysics, Zoology, Physiology, Human Anatomy, Biochemistry and Mathematics, Statistics and any of the Social Sciences, if the student passed the Pre-Medical examination of the Panjab University with less 48% marks;

or

- (4) M.Sc. examination of the Panjab University in the First Division in any subject out of Physics, Chemistry, Botany and Zoology, if the

student passed the Pre-Medical examination of the Panjab University with less than 48% marks;

or

- (5) Any examination of another University/Board, recognised by the Syndicate as equivalent to the Pre-Medical examination of this University, with at least 48% marks in English, Physics, Chemistry and Biology, provided that no one will be admitted on the Basis of :—

- (i) Pre-Medical Certificate obtained as a result of second attempt, after first having passed this examination from this or any other recognised University.

- (ii) Pre-Medical Certificate obtained after appearing in the examination as a private candidate i.e., other than as a regular student or a late college student.

- (iii) Pre-Medical certificate obtained after having passed the Pre-Engineering or equivalent examination unless marks obtained in Biology if added to the marks obtained in English, Physics and Chemistry at the Pre-Engineering examination are at least 48% in the aggregate.

2.2. (a) A person who has passed the First B.D.S. examination of the Panjab University or an examination of any other recognised University in India considered equivalent for the purpose by the Syndicate on the recommendation of the Faculty of Medical Sciences, shall be eligible to join the Second B.D.S. class. However, a candidate who fails in the First B.D.S. examination in the April examination for the first time may be allowed to attend the next higher class until October next, but if he fails in the September examination, he shall revert to the First B.D.S. class.

- (b) A candidate who has obtained,

- (i) the M.B.B.S. degree of an Indian University; or

- (ii) any other medical qualification, considered equivalent for this purpose by the Syndicate on the recommendation of the Faculty of Medical Sciences.

- (iii) or has passed the subjects of Anatomy and Physiology of the First M.B.B.S. examination of the Panjab University,

shall be exempted from the First B.D.S. examination except in the subject of Dental Metallurgy.

2.3. (a) A person who has passed the Second B.D.S. examination of the Panjab University or an examination of any other recognised University in India considered equivalent for the purpose by the Syndicate on the recommendation of the Faculty of Medical Sciences, shall be eligible to join the Third B.D.S. class.

(b) A candidate who has passed the subjects of Pathology and Materia Medica at the—

- (i) M.B.B.S. examination of an Indian University; or

- (ii) any other medical qualification considered equivalent for this purpose by the Syndicate on the recommendation of the Faculty of Medical Sciences, shall be exempted from the subjects of General Pathology and Bacteriology only of the second B.D.S. examination.

2.4. (a) A person who has passed the Third B.D.S. examination of the Panjab University or an examination of any other recognised University in India considered equivalent for the purpose by the Syndicate on the recommendation of the Faculty of Medical Sciences, shall be eligible to join the Final B.D.S. class.

(b) A candidate who has—

- (i) Obtained the M.B.B.S. degree of an Indian University; or
- (ii) Obtained any other Medical qualification considered equivalent for this purpose by the Syndicate on the recommendation of the Faculty of Medical Sciences, shall be exempted from the subjects of Medicine and Surgery only of the Third B.D.S. examination. He shall, however, be examined in Dental Materia Medica which shall be combined with Dental Surgery and Pathology with Dental Bacteriology all of which shall be combined and considered as one subject. In addition, he shall be examined in the subjects of Human Dental Anatomy, Physiology and Dental Histology, details of which are given in Regulation 4.4 against the Second B.D.S. examination.

3.1. A student who possesses the qualifications laid down in Regulation 2.1/2.2/2.3/2.4 and satisfies the following requirements duly certified by the Principal of a college affiliated to the University in the Faculty of Medical Sciences for the degree of Bachelor of Dental Surgery, shall be eligible to appear in the First/Second/Third/Final B.D.S. examination :—

- (a) of having been on the rolls of the college throughout the academic year preceding the examination;
- (b) of having good character;
- (c) of having attended not less than 80% of the full course of—
 - (i) lectures; and
 - (ii) demonstrations and practicals delivered separately in each subject;
- (d) In the case of First examination, of having completed dissection in detail of head and neck.

3.2. A deficiency in the required number of lectures, demonstrations and practicals may be condoned by the Principal up to the extent of 5%.

3.3. A candidate who has completed the prescribed course as laid down in these regulations and is unable to appear in the examination, or, having appeared has failed, may be admitted to subsequent examination, as under, on payment of the prescribed fee on each occasion and on producing a certificate signed by the Principal of the Dental College in which he completed the course, that he has, subsequent to his last failure, attended a course of training in the subjects of the examination as the Principal may determine :—

First examination.—Next three consecutive examinations; a candidate who is unable to qualify in all the three subjects in four consecutive chances, including the first chance to which he was entitled, shall not be allowed to continue his studies for the B.D.S. course.

Second, Third and Final examinations.—One or more subsequent examinations.

4.1. The examination shall be held according to the syllabus prescribed by the Senate.

4.2. The medium of examination shall be English.

4.3. (a) Ten per cent of the total marks of a subject shall be allotted for class work which includes day-to-day work and periodic class examination, both written and Oral.

(b) The class marks shall be included (i) in the clinical examination marks in the Final examination, (ii) in the Oral and Practical examinations marks in the First, Second and Third examinations and in the written examination marks in Dental Metallurgy etc. of the First B.D.S. examination.

4.4. Every candidate shall offer the following subjects :—

First Examination

	Written marks	Oral/ Practical marks and class marks respectively	Total marks
(i) General Anatomy	100	80+20 =100	200
(ii) General Physiology with Histology and Biochemistry	100	80+20 =100	200
(iii) Dental Materials	100	80+20 =100	200

Each written paper shall be of three hours duration.

Second Examination

	Written marks	Oral/ Practical marks and class marks respectively	Total marks
(i) General and Dental Materia Medica	100	80+20 =100	200
(ii) General Pathology and Bacteriology	100	80+20 =100	200
(iii) Dental Anatomy, Histology and Physiology	100	80+20 =100	200

Each written paper shall be of three hours duration.

Third Examination

	Written marks	Oral/ Practical marks and class marks respectively	Total marks
(i) Medicine	100	80+20 =100	200
(ii) Surgery	100	80+20 =100	200
(iii) Dental and Oral Pathology and Microbiology	100	80+20 =100	200

Each written paper shall be of three hours duration.

Final Examination

	Written marks	Oral/ Practical marks and class marks respectively	Total marks
(i) Pedodontia Preventive Dentistry and Orthodontia.	100	80+20 =100	200
(ii) Operative Dentistry and Dental Radiology.	100	80+20 =100	200

(iii) Periodontia	Oral Medicine and Diagnosis in Dentistry etc.	100	80+20 =100	200
(iv)	Dental and Oral Surgery and Anaesthesia	100	80+20 =100	200
(v)	Dental Prosthesis and Crown Bridgework.	100	80+20 =100	200

Each written paper shall be of three hours duration.

5. The examination fee to be paid by a candidate shall be as follows for the whole or a part of the examination :—

First examination	..	Rs. 56.
Second examination	..	Rs. 56.
Third examination	..	Rs. 56.
Final examination	..	Rs. 56.

6.1. The minimum number of marks required to pass each examination shall be—

- (a) 50% in the written part of each subject;
- (b) 50% in the oral and practical parts of each subject.

6.2. A candidate who obtains pass marks in one or more subjects shall be exempted from reappearing in such subjects, provided that—

- (a) in the case of First B.D.S. examination, he must qualify in all the three subjects within the period prescribed in Regulation 3.3.;
- (b) in the case of Second, Third and Final examination, *he clears the whole examination within a period of two years from the time the candidate first appeared in the examination, failing which he shall have to appear in the whole examination.*

7.1. The Registrar shall publish the result of the examination as soon as possible after the examination.

7.2. Successful candidates who obtain 75% marks in any subject shall be declared to have passed "with distinction" in that subject, provided he passes in all the subjects of the examination at one and the same time.

7.3. A successful candidate of the First/Second/Third examination shall be granted a certificate.

A successful candidate of the Final examination shall be granted the degree.

MASTER OF DENTAL SCIENCE (M.D.S.)

1.1. The duration of the course of instruction for the degree of Master of Dental Science (M.D.S.) shall be two years, in an institution affiliated to the University in the Faculty of Medical Sciences for the M.D.S. Course.

1.2. The M.D.S. examination shall consist of Parts I and II and shall be held in the following specialities of which a student shall offer one :—

- (i) Pedodontia and Preventive Dentistry.
- (ii) Dental Prosthesis and Crown and Bridge-work; and
- (iii) Periodontia.

1.3. The Part I and II examinations shall be held twice a year in the months of May and October on such dates as may be fixed by the Syndicate.

1.4. The dates fixed for the examination and the last dates for receipt of admission forms and fee shall be notified by the Registrar.

2.1. A person who possesses the following qualifications shall be eligible to join the course :—

- (a) degree of Bachelor of Dental Surgery (B.D.S.) of the Panjab University;
- or
- (b) a degree of another University recognised by the Syndicate as equivalent to (a).

2.2. A student who has passed M.D.S. Part I examination of the Panjab University shall be eligible to join Part II class of the M.D.S. course.

3.1. A student who possesses the qualifications prescribed in Regulation 2.1./2.2 and satisfies the following requirements duly certified by the Principal of a college affiliated to the University for the M.D.S. course, shall be eligible to appear in Part I/II examination :—

- (a) of having been on the rolls of the college throughout the academic year preceding the examination;
- (b) of having good character; and
- (c) of having completed the prescribed training to the satisfaction of the Heads of the Departments concerned; and
- (d) *in the case of Part II, of having qualified in the thesis.*

3.2. A candidate who has completed the prescribed course and is unable to appear in the examination or having appeared has failed may be allowed to re-appear in Part I examination, on production of a certificate, signed by the Principal of the college, of having undergone further training to the satisfaction of the Principal. A candidate who has failed in Part II examination shall not be required to undergo any further training for appearing in a subsequent Part II examination nor shall be required to submit a fresh thesis.

Provided that a candidate who is unable to qualify in Part I examination in four consecutive chances including the first examination in which he was entitled to appear, shall not be allowed to continue his studies for the M.D.S. Course.

4. The examination fee to be paid by a candidate shall be :—

Part I	..	Rs. 175
Part II	..	Rs. 115

5.1. The medium of examination shall be English.

5.2. (a) The examination shall be held in accordance with the syllabus prescribed by Senate.

(b) Part I examination in each speciality shall consist of :—

- (i) Two written papers of 3 hours each; and
- (ii) a viva voce/practical examination.

(c) Part II examination in each speciality shall consist of :—

- (i) a thesis;
- (ii) two written papers of 3 hours each; and
- (iii) a viva voce/practical examination.

5.3. (a) Every candidate for the degree of Master of Dental Science at the time of admission to the course, shall submit to the Registrar, his application for approval of subject of thesis by the Board of Studies in Dentistry through the Head of the department in the teaching institution, under whom he proposes to work. The Head of the department shall certify that he will provide necessary facilities for proper investigations and will supervise the work of the candidate. The thesis shall be on a subject connected with the Science and Practice of Dentistry, and shall be submitted not later than four months before the date of commencement of Part II examination. Every

candidate shall forward his thesis in triplicate to the Registrar through the Principal of the dental institution, along with a fee of Rs. 115 supported by a certificate from the Head of the Department under whose supervision the research had been carried out, certifying that the technique and statistics mentioned in the thesis were undertaken by the candidate himself.

The thesis shall be typewritten and must attain a high standard and shall be satisfactory as regards literary presentation as well as in other respects. It shall terminate with a summary embodying conclusions arrived at by the candidate.

- (b) In case a candidate desires to change the subject of his thesis, at a later stage, he shall apply to the Board of Studies in Dentistry, for permission to do so.
- (c) The thesis shall embody the result of the candidate's own experience of research, and shall be accompanied by precise reference to the publications quoted. In his thesis, the candidate shall indicate in what respects his contribution appears to him to advance the knowledge of practice of dentistry.
- (d) The thesis shall be submitted within a period of three years from the date the subject of thesis was approved by the Board of Studies in Dentistry. This period may be extended in exceptional circumstances by:—
 - (a) the Registrar .. up to one month,
 - (b) the Vice-Chancellor .. beyond one month,
but not exceeding three months.

6.1. Part I examination shall be conducted by a Board of examiners, consisting of two internal and two external examiners nominated by the Syndicate on the recommendation of the Board of Studies in Dentistry.

6.2. The thesis shall be examined separately by two examiners one internal and one external nominated by the Syndicate on the recommendation of the Board of Studies in Dentistry, who shall report as to whether the thesis shall be accepted or rejected. When the examiners disagree, the Syndicate shall appoint a third examiner on recommendation of the Board of Studies in Dentistry. If accepted, the thesis shall be classified as:—

- (a) accepted,
- (b) commended, or
- (c) highly commended.

If the thesis is approved, the candidate shall be permitted to appear in Part II examination.

A thesis which has been accepted shall become the property of the Panjab University, and shall be placed in the library of the Dental Institution where the candidate was enrolled for training in M.D.S. course.

6.3. Part II examination shall be conducted by a board of examiners, consisting of two internal and two external examiners, nominated by the Syndicate on recommendation of the Board of Studies in Dentistry.

7.1. As soon as is possible after the Part I examination, the Board of examiners shall report to the Registrar, the results of the examination for publication, and shall classify the successful candidates into two lists:—

- (a) Pass.
- (b) Pass with distinction.

Each successful candidate shall be granted a certificate of having passed Part I examination.

7.2. As soon as is possible after the Part II examination, the Board of examiners shall report to the Registrar, the

results of the examination for publication and shall classify the successful candidates into two lists:—

- (a) Pass.
- (b) Pass with distinction.

Each successful candidate shall be granted a certificate of having passed the Part II examination and shall be entitled to be admitted to the degree of Master of Dental Science (M.D.S.).

Degree of Bachelor of Pharmacy

1.1. The duration of the course of instruction for the Degree of Bachelor of Pharmacy shall be three years.

1.2. There shall be three examinations *viz.*, First, Second and Final. All these examinations shall be held twice a year, ordinarily in the months of April and September, on such dates as may be fixed by the Syndicate. The first examination will be held at the end of first year, the second examination at the end of second year and Final examination at the end of third year.

1.3. Every candidate shall have the option of appearing in the examination either in April or in September but he shall appear in the whole examination when he takes the examination for the first time.

2. The dates of the examinations and the last date for receipt of admission form and fee, without and with late fee of Rs. 5, as fixed by the Syndicate, shall be notified by the Registrar.

3.1. A person who has passed one of the following examinations shall be eligible to join the first year class of the course:—

- (a) The Pre-Medical examination of the Panjab University;
- or
- (b) The Diploma of Pharmacy of the Panjab University;
- or
- (c) An examination of another University/Board recognised by the Syndicate as equivalent to (a) or (b).

3.2. A student who has passed the First B. Pharm. examination shall be eligible to join the second year class.

3.3. A person who has passed second B. Pharm. examination shall be eligible to join Third (Final) Year Class.

4.1. A student who possesses the qualifications laid down in Regulation 3.1/3.2/3.3, has been on the rolls of the University Department of Pharmaceutical Sciences/ a college affiliated for this examination for the academic year preceding the examination, and submits to the Registrar, the following certificates signed by the Head of the Department/College shall be eligible to appear in the First/Second/Final examination:—

- (a) of good character;
- (b) of having attended not less than 75% of the full course of lectures and practicals in each of the subjects.

4.2. A deficiency in the required number of lectures and practicals may be condoned by the Head of the Department/College, *up to 10% in lectures and up to 5% in practicals.*

4.3. A candidate who has completed the prescribed number of lectures and practicals, does not appear in the examination or having appeared has failed may be allowed to appear in the next three consecutive examinations, without attending a fresh course.

4.4. If a candidate is unable to clear the First examination in four consecutive chances commencing with the

the First examination of his own class, shall not be allowed to continue his studies for this course. This shall, however, not affect the right of a candidate to appear in one subject under Regulation 9.

4.5. A candidate who has short of the required attendance at lectures and practicals for the examination to be held in April may, after making up the deficiency, appear in the examination to be held in September.

5. The examination fee to be paid by a candidate shall be Rs. 31 or each examination (whole or a part thereof).

6.1. The medium of examination shall be English.

6.2. The examination shall be held in accordance with the syllabus prescribed by the Senate.

6.3. Every candidate shall be examined in the following subjects :

First Examination

1. Pharmacognosy.
2. Pharmaceutical Chemistry.
3. Pharmaceutics.
4. Physiology.
5. Mathematics.
6. Engineering Drawing (only practical)

Second Examination

1. Pharmacognosy.
2. Pharmaceutical Chemistry.
3. Pharmaceutics.
4. Pharmacology.
5. Pharmaceutical Engineering.

Final Examination

1. Pharmacognosy.
2. Pharmaceutical Chemistry.
3. Pharmaceutics.
4. Pharmacology.

6.4. Ten per cent of the marks in each paper of First, Second and Final examinations shall be reserved for internal assessment, both written and practical, separately. The marks awarded shall be certified by the Head of the Department/College and counted towards the marks reserved for the respective paper for annual/supplementary examination, as the case may be.

7. The minimum number of marks required to pass the examination shall be—

- (a) 50% marks in the written examination of each subject; and
- (b) 50% in the Oral and Practical examination of each subject.

8.1. A candidate who fails in the First/Second examination held in April for the first time, may be allowed to attend the Second/Final year class till October but he shall be allowed to continue only if he passes in the supplementary examination. This concession shall not be given to a candidate who fails in September or subsequent examination.

8.2. A candidate who passes the supplementary First/Second examination shall be eligible to appear in the Second/Final examination in April of the following year.

9. A candidate who fails in one subject only of the examination obtaining not less than 50% of the aggregate in the whole examination and not less than 40% in the

subject in which he has failed, may be allowed to re-appear in that subject only at the next three consecutive examinations, on payment of the same fee as for the whole examination. If he obtains in that subject 50% marks in (a) written, and (b) oral and practical, he shall be deemed to have passed the examination.

Provided that a candidate of the First examination who is entitled to this concession shall complete the whole examination within the chances allowed under Regulation 4.4.

A candidate of the Second/Final examination who does not clear the respective examination in the number of chances allowed under this regulation, shall have to repeat the whole examination.

10.1. A candidate who obtains pass marks in one or more subjects, but fails in the examination, shall, if he so desires, be exempted from appearing in such subject/subjects provided he clears the remaining subject/subjects in the next three consecutive examinations, failing which

- (a) he shall not be allowed to continue his studies in the B. Pharm course if he is a candidate for the First examination;
- (b) he shall have to repeat the whole course if he is a candidate for the Second or Final examination.

10.2. A candidate who is granted exemption under Regulation 9 and 10.1. shall be eligible to join the next higher class till the result of the supplementary examination of that year is declared. He shall be allowed to continue further only if he clears the remaining subject/subjects in the supplementary examination of the year.

11.1. A successful candidate who obtains 80% of the marks in any subject shall be declared to have passed with 'distinction' in that subject.

11.2. The Registrar shall declare the result of the examination as soon as possible after the examination.

11.3. A successful candidate of the First/Second examination shall be granted a certificate.

11.4. A successful candidate of the Final examination for the degree of B. Pharm shall be granted a Diploma.

DEGREE OF MASTER OF PHARMACY

1.1. The duration of the course of instruction for the degree of Master of Pharmacy shall be two years.

1.2. The examination shall consist of two parts—Part I at the end of the course of first year and Part II at the end of the course of second year.

1.3. The examination in Part I shall be held twice a year ordinarily in the months of April and September on such dates as may be fixed by Syndicate. A candidate shall have the option of appearing in the examination in April or in September, but he shall appear in all the subjects when he takes the examination for the first time.

The examination in Part II shall consist of thesis, seminar and *viva voce*. It shall be held once a year.

1.4. The date of Part I examination and the last date for receipt of admission form and fee, without and with late fee of Rs. 5, as fixed by Syndicate, shall be notified by the Registrar.

2.1. A person who has passed one of the following examinations shall be eligible to join the first year of the course (Part I):—

- (a) B. Pharm, Final examination of the Panjab University;
- or
- (b) an examination of another University recognised by the Syndicate as equivalent to (a).

2.2. A student who has passed M.Pharm. Part I examination of the Panjab University shall be eligible to join Part II class.

3.1. A student who possesses the qualification laid down in Regulation 2, has been enrolled in the University Department of Pharmaceutical Sciences and produces the following certificates signed by the Head of the Department, shall be eligible to appear in Part I/II examination :—

- (a) of good character;
- (b) for Part I, or having attended not less than 75% of full course of lectures and practicals separately in (i) the compulsory paper, and (ii) the selected group of subjects, a deficiency may be condoned by the Head of the Department up to 10% in lectures and 5% in practicals.
- for Part II, of having delivered at least one seminar during the academic year.

3.2. A candidate who is short of the required percentage of attendances at lectures and practicals for the examination to be held in April may make up the deficiency and appear in the September examination.

3.3. A candidate who having completed the prescribed course during the academic year preceding the examination does not appear at the first examination or has failed to pass the examination, may be allowed to appear in the next three consecutive examinations after the first examination. If a candidate is unable to clear the examination in four consecutive chances commencing with the first examination he shall not be allowed to continue his studies for this course.

4. The examination fee to be paid by a candidate for each part shall be Rs. 56.

5.1. The medium of examination shall be English.

5.2. The examination in Part I shall consist of four theory papers and two practicals. One theory paper on Modern Pharmaceutical Analytical Techniques and practical shall be compulsory for every candidate and other three papers and practical shall be from one of the following groups A, B, C or D.

Compulsory papers for all candidates.

1. Modern Pharmaceutical Analytical Technique—One paper.
2. Practical—One paper.

GROUP A (Pharmaceutics)

- Paper I—Biological Pharmacy.
- Paper II—Formulative Pharmacy.
- Paper III—Physical Pharmacy.
- Practical—One paper.

GROUP B (Pharmaceutical Chemistry)

- Paper I—Chemistry of Natural Products.
- Paper II—Advanced Organic Chemistry.
- Paper III—Advanced Pharmaceutical Chemistry.
- Practical—One paper.

GROUP C (Pharmacognosy)

- Paper I—Modern Method in Pharmacognosy.
- Paper II—Drug Cultivation and Farm Management.
- Paper III—Drug Standardization.
- Practical—One paper.

GROUP D (Pharmacology)

- Paper I—General Pharmacology and Pharmacology of Nervous system.
- Paper II—Pharmacology Cardivascular system and polypeptides.
- Paper III—Chemotherapy.
- Practical—One paper.

Ten per cent of marks in each paper shall be reserved for internal assessment both written and practical separately. The marks shall be certified by the Head of the Department and counted towards the marks reserved for the respective paper for annual/supplementary examination, as the case may be.

5.3. The examination in Part II shall consist of thesis, seminar and viva voce :—

Thesis and viva voce	100 marks
Seminar	50 marks

6.1. The subject of the thesis shall be approved by the Committee of Control. Each student shall submit three typed copies of the thesis incorporating the result of investigations not later than June 30 of the year following the one in which he passed Part I examination, along with the admission form and fee of Rs. 56.

6.2. The Viva-voce examination on the thesis shall be conducted by a Board of Examiners consisting of (i) an external examiner, (ii) the teacher of the Department who guided the student in his thesis work and (iii) Head of the Department.

6.3. For the compulsory theory and practical examination (Part I) there shall be Board of examiners consisting of one external and four internal examiners *including Head of the Department as Convener*; for the remaining papers (Part I) there will be two examiners, one internal and one external for each theory and practical paper.

6.4. The marks for Seminar (Part II) shall be awarded by a Board of Teachers in the Department.

7.1. The minimum number of marks required to pass the examination shall be—

- (a) 50% in the aggregate of all theory papers; and
- (b) 50% in the aggregate of all practicals.

PART I

- (a) 50% in thesis and viva voce; and
- (b) 50% in Seminar.

7.2. If a candidate fails in the examination and obtains 50 per cent marks in theory paper/s and or practical/s he may be exempted from appearing again in such theory paper/s and or practical/s. If he obtains 50 per cent marks in the remaining theory paper/s and 50 per cent in the remaining practical/s, he shall be deemed to have passed the examination, *but he shall clear the whole examination within a period of two years of his admission to the course.*

7.3. A candidate who fails in Part II examination shall be allowed to resubmit a revised thesis after a period of six months, *but not later than one year of the first submission of thesis.*

8. The Registrar shall publish the result of the examination as soon as possible after the examination. The successful candidates shall be classified as under :

those who obtain 80 per cent or more marks in the aggregate of Parts I and II *taken together—Distinction.*

those who obtain 60 per cent or more, but less than 80 per cent of Parts I and II *taken together—I class.*

those who obtain less than 60 per cent of *parts I and II taken together*—II class.

DIPLOMA IN CARTOGRAPHY

1.1. The duration of the course of instruction for Diploma in Cartography shall be one academic year.

1.2. The examination shall be held in Three Parts ordinarily in the months noted against each on such dates as may be fixed by Syndicate :—

Part I—September.

Part II—December.

Part III—April of the following year.

1.3. The dates for these examinations and the last date for receipt of admission forms and fees without and with late fee of Rs. 5, as fixed by Syndicate, shall be notified by the Registrar.

2. A person who has passed one of the following examinations shall be eligible to join the course :—

(a) B.A./B.Sc. examination with Geography as one of the subjects from the Panjab University,

or

(b) an examination of another University recognised by Syndicate as equivalent to (a).

3.1. A student who holds the qualification laid down in Regulation 2, has been on the rolls of the University Geography Department and produces the following certificates signed by the Head of the Department shall be eligible to appear in the examination of Part I :—

(a) of having good character; and

(b) of having attended not less than 75% of the lectures delivered to the class and of having completed the prescribed practical work during the academic term preceding the examination.

3.2. A student who has passed Part I examination and produces the certificates prescribed in Regulation 3.1 shall be eligible to appear in Part II examination.

3.3. A student who has passed Part II examination and produces the certificates prescribed in Regulation 3.1 shall be eligible to appear in Part III examination.

3.4. A deficiency in the required number of lectures may be condoned—

(i) upto 15 by the Head of the Department;

(ii) up to 25 by the Dean of University Instruction on the recommendation of the Head of the Department.

4. The examination fee to be paid by a candidate shall be Rs. 60.

5. The medium of examination shall be English.

6. The examination in Parts I, II and III shall consist of—

PART —General Cartography

	Marks
1. One theory paper of 3 hours duration	30
2. (i) Practical Laboratory Test (6 hrs.)	50
(ii) Sessional Record	10
(iii) Viva voce	10
Total	100

PART II—Cartography and Graphics :

	Marks
1. One theory paper of 3 hours	30
2. Practical Laboratory Tests of 6 hours duration in two sessions.	50

3. Sessional Record	10
4. Viva voce	10
Total	100

PART III—

1. Two theory papers of 3 hours' duration each—

Marks
(i) Paper A will cover 'MAPPING FROM AERIAL PHOTOGRAPHS'
45
(ii) Paper B will cover 'GENERAL CARTOGRAPHY' and 'CARTOGRAPHY AND GRAPHICS'
30

2. Two laboratory tests I and II each of 6 hours duration and each test in two sessions.

Marks
(i) Test I will cover 'MAPPING FROM AERIAL PHOTOGRAPHS'
85
(ii) Test II will cover 'GENERAL CARTOGRAPHY' and 'CARTOGRAPHY AND GRAPHICS'
70
3. Sessional Record on 'MAPPING FROM AERIAL PHOTOGRAPHS'
10
4. Viva voce on 'MAPPING FROM AERIAL PHOTOGRAPHS'
10

Total	250
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7.1. The minimum number of marks required to pass the examination in each Part shall be—

- (i) 33 per cent in each theory paper;
- (ii) 33 per cent in each practical including viva voce and sessional record;
- (ii) 33 per cent in each laboratory test; and
- (iv) 40 per cent in the aggregate.

7.2. The Final results will be declared on the combined marks obtained by a candidate in Parts I, II and III.

8.1. Successful candidates shall be classified as under :—

- (i) Those who obtain 60% or more of the aggregate number of marks—First Division.
- (ii) Those who obtain 50% or more but less than 60%—Second Division.
- (iii) Those who obtain less than 50%—Third Division.

8.2. The Registrar shall publish the result of the examination four weeks after the commencement of the examination or as soon thereafter as possible.

8.3. Each successful candidate shall be granted a certificate showing the division in which he has passed.

Chandigarh

Dated August 3, 1973.

K. C. WALIA
Officer on Special Duty (R)

SEALED in my presence with the Common Seal of Panjab University, this day the 4th of August, 1973.

JAGJIT SINGH
Registrar

AGRICULTURAL REFINANCE CORPORATION

Bombay-400018, the 14th August 1973

NOTICE

Notice is hereby given that the Tenth Annual General Meeting of the Agricultural Refinance Corporation will be held at the Agricultural Refinance Corporation, 2nd Floor, Shrineketan, F Block, Shiv Sagar Estate, Dr. Annie Besant Road, Worli, Bombay 400018 on Tuesday 25 September 1973 at 3 P.M. to transact the following business:

(a) to discuss the annual accounts for the year ended 30 June 1973,

(b) to discuss the auditor's report on the annual balance sheet and accounts,

(c) to discuss the report of the Board on the working of the Corporation for the year ended 30 June 1973.

The share register of the Corporation will remain close from Monday 10 September 1973 to Monday 24 September 1973 both days inclusive.

By order of the Board

M. A. CHIDAMBARAM
Managing Director

